

Bunding and Storage

Many businesses today are using bunding to prevent the illegal run-off of hazardous waste and chemicals from their site into stormwater systems.

What is bunding?

A bund is a device intended to prevent the uncontrolled escape of hazardous liquids into stormwater, sewerage or soil.

A bund can be designed in a number of ways including:

- A storage area located within a building to prevent any spillage from reaching stormwater drains or the sewer.
- An area within a building designed to contain spills within a raised hump surrounding chemical containers.
- A large container that smaller liquid containers are placed inside of.

A bund container should be able to hold the contents of your largest container, plus 10 per cent, to ensure the bund holds all liquids in the event of a spill.

Avoiding pollution

- Your business should review ways to prevent spills from running into stormwater within your premises.
- Have a contractor construct your bunds and drains according to an approved design from your local water authority.
- Bund all chemical and liquid storage areas. If you are only storing small amounts (<20 litres) of chemicals or oil on the premises, a bund may not be required.
- Drain banded areas to the sewer via a coalescing plate separator, silt trap, triple interceptor trap, oil interceptor or a similar approved device. If a spill does occur obtain a permit or Trade Waste Agreement that allows you to drain banded areas.
- If you do not have a Trade Waste Agreement, these wastes must be collected by a contractor with an EPA permit.
- Prevent rainwater from entering the sewer by roofing banded areas.

Useful tip!

Prove the effectiveness of your bund by releasing water of the same volume as your largest container while taking note of where the water collects. This will help you to determine if your bund will fulfil its intended use in case of a spill.



Click on the barcode provided or download a free QR Code scanner from the App Store to view the video.